

IN THE CLAIMS:

1 – 13. Cancelled.

14. (New) A rearview mirror for reflecting ambient light, said rearview mirror comprising:

a housing including a frame defining an opening;

an electrochromic mirror glass fixedly secured to said frame within said opening of said housing;

a sensor fixedly secured to said housing for sensing ambient light and glare light directed toward said rearview mirror;

a light guide disposed between said housing and said sensor for directing the ambient light and glare light outside said housing toward said sensor; and

a switching device for periodically disrupting the transmission of the light to identify a presence of the glare light, such that said sensor creates a dimming signal upon the identification of the presence of the glare light to dim said electrochromic mirror.

15. (New) A rearview mirror as set forth in claim 14 wherein said light guide includes a first light guide channel and a second light guide channel.

16. (New) A rearview mirror as set forth in claim 15 wherein said first light guide channel includes a first light entrance surface disposed adjacent and parallel to said electrochromic mirror glass.

17. (New) A rearview mirror as set forth in claim 16 wherein said second light guide channel includes a second light entrance surface oriented away from said electrochromic mirror glass to receive the ambient light and prevent the receipt of the glare light.

18. (New) A rearview mirror as set forth in claim 17 wherein said switching device is disposed inline and adjacent said first light entrance surface to periodically interrupt light from entering said first light guide.

19. (New) A rearview mirror as set forth in claim 17 wherein said first light guide and said second light guide join to form a combined light guide portion.

20. (New) A rearview mirror as set forth in claim 19 wherein said combined light guide portion is disposed adjacent said sensor.

21. (New) A rearview mirror as set forth in claim 20 wherein said switching device is disposed inline and adjacent said combined light guide portion to periodically interrupt light from entering said sensor.

22. (New) A rearview mirror as set forth in claim 20 wherein said first light guide and said second light guide join to form a combined light guide portion.

23. (New) A rearview mirror as set forth in claim 22 wherein said switching device is an electro-optic device that changes levels of transparency based on the amount of voltage applied thereacross.

24. (New) A rearview mirror as set forth in claim 22 wherein said switching device is mechanically operated.